STATE OF SOUTH CAROLINA)
)
(Caption of Case))
)
)
Monthly Fuel Cost Report and Base Load Power Plant Performance Report)
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BEFORE THE
PUBLIC SERVICE COMMISSION
OF SOUTH CAROLINA

COVER SHEET

DOCKET
NUMBER: 1989 - 9 - E

(Please type or print)

Submitted by: Catherine E. Heigel
SC Bar Number: 9268
Address: Duke Energy Corporation
PO Box 1006/ EC03T
Charlotte, NC 28201-1006
Telephone: 704.382.8123
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Other:
Email: Catherine.Heigel@duke-energy.com

NOTE: The cover sheet and information contained herein neither replaces nor supplements the filing and service of pleadings or other papers as required by law. This form is required for use by the Public Service Commission of South Carolina for the purpose of docketing and must be filled out completely.

DOCKETING INFORMATION (Check all that apply)

☐ Emergency Relief demanded in petition ☐ Request for item to be placed on Commission's Agenda expeditiously

☐ Other:

INDUSTRY (Check one)

- ☒ Electric
- ☐ Electric/Gas
- ☐ Electric/Telecommunications
- ☐ Electric/Water
- ☐ Electric/Water/Telecom.
- ☐ Electric/Water/Sewer
- ☐ Gas
- ☐ Railroad
- ☐ Sewer
- ☐ Telecommunications
- ☐ Transportation
- ☐ Water
- ☐ Water/Sewer
- ☐ Administrative Matter
- ☐ Other:

NATURE OF ACTION (Check all that apply)

- ☐ Affidavit
- ☐ Agreement
- ☐ Answer
- ☐ Appellate Review
- ☐ Application
- ☐ Brief
- ☐ Certificate
- ☐ Comments
- ☐ Complaint
- ☐ Consent Order
- ☐ Discovery
- ☐ Exhibit
- ☐ Expedited Consideration
- ☐ Interconnection Agreement
- ☐ Interconnection Amendment
- ☐ Late-Filed Exhibit
- ☐ Letter
- ☐ Memorandum
- ☐ Motion
- ☐ Objection
- ☐ Petition
- ☐ Petition for Reconsideration
- ☐ Petition for Rulemaking
- ☐ Petition for Rule to Show Cause
- ☐ Petition to Intervene
- ☐ Petition to Intervene Out of Time
- ☐ Prefiled Testimony
- ☐ Promotion
- ☐ Proposed Order
- ☐ Protest
- ☐ Publisher's Affidavit
- ☒ Report
- ☐ Request
- ☐ Request for Certificatio
- ☐ Request for Investigatior
- ☐ Resale Agreement
- ☐ Resale Amendment
- ☐ Reservation Letter
- ☐ Response
- ☐ Response to Discovery
- ☐ Return to Petition
- ☐ Stipulation
- ☐ Subpoena
- ☐ Tariff
- ☐ Other:

Duke Energy®
Carolinas

DUKE ENERGY CAROLINAS, LLC
526 South Church St.
Charlotte, NC 28202

Mailing Address:
EC03T / PO Box 1006
Charlotte, NC 28201-1006

CATHERINE E. HEIGEL
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October 5, 2009

Charles L. A. Terreni, Esquire
Chief Clerk and Administrator
The Public Service Commission of South Carolina
P. O. Drawer 11649
Columbia, South Carolina 29211

Re: Docket No. 1989-9-E

Dear Mr. Terreni:

Pursuant to the Commission's Orders in the above-captioned docket, enclosed for filing are copies of the following for Duke Energy Carolinas, LLC ("the Company"):

1. Monthly Fuel Cost Report for August 2009 (Exhibit A); and

2. Base Load Power Plant Performance Report for August 2009 (Exhibit B).

For June and July 2009, the appropriate schedules have been revised to reflect changes to events at Allen Steam Station. In addition, the formatting for Schedule 4 has been updated for June 2009 forward.

If you have any questions regarding this matter, please call me.

Sincerely,

Catherine E. Heigel

Catherine E. Heigel

/sch

Enclosures

Copy: Office of Regulatory Staff
Dan Arnett, Chief of Staff
John Flitter
Jeff Nelson

South Carolina Energy Users Committee
Scott Elliott, Esquire

Exhibit A
Schedule 1

DUKE ENERGY CAROLINAS
SUMMARY OF MONTHLY FUEL REPORT
SC Code Ann. §58-27-865 (Supp. 2008)

Line No.	Fuel Expenses:	August 2009
1	Fuel and fuel-related costs	$ 163,118,125
2	Less fuel expenses (in line 1) recovered through intersystem sales (a)	1,559,096
3	Total fuel and fuel-related costs (line 1 minus line 2)	$ 161,559,029
	MWH sales:	
4	Total system sales.	7,458,326
5	Less intersystem sales	13,437
6	Total sales less intersystem sales	7,444,889
7	Total fuel and fuel-related costs (¢/KWH) (c) (line 3/line 6)	2.1701
8	Current fuel and fuel-related cost component * (¢/KWH)	2.2481
	Generation Mix (MWH):	
	Fossil (by primary fuel type):	
9	Coal	3,797,681
10	Fuel Oil	(229)
11	Natural Gas	29,956
12	Total fossil	3,827,408
13	Nuclear 100%	5,247,659
14	Hydro - Conventional	84,256
15	Hydro - Pumped storage	(93,958)
16	Total hydro	(9,702)
17	Total MWH generation	9,065,365
18	Less joint owners' retained portion	1,326,987
19	Adjusted total MWH generation	7,738,378

(a) Line 2 includes:

Fuel from intersystem sales (Schedule 3)	$ 1,550,783
Fuel in loss compensation	8,313
Total fuel recovered from intersystem sales	$ 1,559,096

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2008)

Fuel and fuel-related costs:	August 2009
Steam Generation - FERC Account 501	
0501110 coal consumed - steam	$ 133,537,005
0501222, 0501223 biomass/test fuel consumed	61,593
0501310 fuel oil consumed - steam	239,580
0501330 fuel oil light-off - steam	665,368
Total Steam Generation - Account 501	134,503,546
Environmental Costs	
0509000, 0557451 emission allowance expense	159,889
0502020, 030, 040 reagents expense	2,123,912
Emission allowance gains	(4,750,015)
Total Environmental Costs	(2,466,214)
Nuclear Generation - FERC Account 518	
0518100 burnup of owned fuel	19,351,692
0518600 nuclear fuel disposal cost	4,919,848
Total Nuclear Generation - 100%	24,271,540
Less joint owners' portion	6,206,410
Total Nuclear Generation - Account 518	18,065,130
Other Generation - FERC Account 547	
0547100 natural gas consumed	1,314,477
0547200 fuel oil consumed - CT	-
Total Other Generation - Account 547	1,314,477
Total fossil and nuclear fuel expenses included in base fuel component	151,416,939
Fuel related component of purchased and interchange power per Schedule 3, pages 1 and 2	7,633,475
Fuel related component of purchased power (economic accrual)	4,067,711
Total fuel and fuel-related costs	$ 163,118,125

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2008)

Other fuel expenses not included in fuel and fuel-related costs:	August 2009
Net proceeds from sale of by-products	$ 31,922
0518610 spent fuel canisters-accrual	216,123
0518620 canister design expense	9,211
0518700 fuel cycle study costs	96,447
Non-fuel component of purchased and interchanged power	6,118,891
Total other fuel expenses not included in fuel and fuel-related costs:	$ 6,472,594

Total FERC Account 501 - Total Steam Generation	134,503,546
Total FERC Account 518 - Total Nuclear Generation	18,386,911
Total FERC Account 547 - Other Generation	1,314,477
Total Reagents Expense	2,123,912
Total Gain/Loss from Sale of By-Products	31,922
Total Emission Allowance Expense	159,889
Total Gain/Loss from Sale of Emission Allowances	(4,750,015)
Total Purchased and Interchanged Power Expenses	17,820,077
Total Fuel, Fuel Related and Purchased Power Expenses	$ 169,590,719

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA
AUGUST 2009

Exhibit A
Schedule 3
Page 1 of 3
SC, Purchases, Month

Purchased Power	Total	Capacity		Non-Capacity		
Marketers, Utilities, Other	$	MW	$	MWH	Fuel $	Non-Fuel $
American Electric Power Serv Corp.	-	-	-	-	4,546	(4,546)
Blue Ridge Electric Membership Corp.	3,512,873	86	1,271,263	54,942	1,367,383	874,227
Calpine Power Services Marketing	465	-	-	31	284	181
Cargill Power Marketers LLC	324,400	-	-	11,428	197,884	126,516
City of Kings Mtn	8,979	3	8,979	-	-	-
Cobb Electric Membership Corp.	22,400	-	-	600	13,664	8,738
ConocoPhilips Company	6,300	-	-	225	3,843	2,457
Constellation	885,856	-	-	28,702	540,372	345,484
Eagle Energy Partners	121,054	-	-	(25,000)	157,616	(36,562)
Fortis Energy Marketing and Trading GP	6,300	-	-	150	3,843	2,457
Haywood Electric	460,739	20	198,714	10,043	159,835	102,190
Lockhart Power Co.	19,272	7	19,272	-	-	-
MISO	2,146	-	-	-	1,308	838
NCEMC load following	6,382	-	-	638	2,887	3,495
NCMPA #1	2,447,145	-	-	60,322	1,529,898	917,247
Piedmont Electric Membership Corp.	1,186,612	42	521,555	28,346	405,685	259,372
PJM Interconnection LLC	1,255,477	-	-	38,498	765,841	489,636
Progress Energy Carolinas	3,600	-	-	200	(45,946)	49,546
Rutherford Electric Membership Corp.	59,948	-	-	2,468	36,568	23,380
SC Electric & Gas	125	-	-	-	76	49
Southern	23,380	-	-	1,109	16,892	6,488
SPCO - Rowan	1,396,436	456	1,359,984	27,386	26,920	9,532
The Energy Authority	66,659	-	-	2,418	40,663	25,996
Town of Dallas	584	-	584	-	-	-
Town of Forest City	21,024	7	21,024	-	-	-
TVA	85,650	-	-	2,350	52,247	33,403
Westar Energy, Inc.	18,471	-	-	406	11,267	7,204
Generation Imbalance	274,618	-	-	7,029	210,506	64,112
Energy Imbalance	451,064	-	-	(1,086)	68,196	382,868
	$ 12,667,959	621	$ 3,401,375	251,205	$ 5,572,278	$ 3,694,306

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA
AUGUST 2009

Exhibit A
Schedule 3
Page 2 of 3
SC, Purchases, Month

Purchased Power	Total	Capacity		Non-Capacity		
Cogen, Purpa, Small Power Producers	$	MW	$	MWH	Fuel $	Non-Fuel $
Advantage Investment Group, LLC	193	-	-	2	-	193
AKS Real Estate Holdings LLC	26	-	-	-	-	26
Alamance Hydro, LLC	272	-	-	3	-	272
Andrews Truss, Inc.	102	-	-	1	-	102
Anna L Reilly	62	-	-	1	-	62
Aquenergy Corp.	18,381	-	-	230	-	18,381
Bruce Marotta	47	-	-	1	-	47
Byron P Matthews	27	-	-	-	-	27
Catawba County	40,034	-	-	1,134	-	40,034
Cherokee County	4,353,547	-	1,205,842	59,174	1,782,696	1,365,009
Cliffside Mills LLC	6,444	-	-	84	-	6,444
Converse Energy	2,711	-	-	43	-	2,711
Dale Earnhardt Inc.	285	-	-	5	-	285
Dave K Birkhead	22	-	-	-	-	22
David A Ringenburg	48	-	-	1	-	48
David E. Shi	36	-	-	1	-	36
David M Thomas	71	-	-	1	-	71
David Wiener	29	-	-	-	-	29
Decision Support	1,010	-	-	9	-	1,010
Delta Products Corp.	358	-	-	4	-	358
Diann M. Barbacci	28	-	-	-	-	28
Fogleman Construction, Inc	34	-	-	-	-	34
Frances L. Thomson	56	-	-	1	-	56
Gerald Priebe	75	-	-	1	-	75
Gerald W. Meisner	75	-	-	1	-	75
Greenville Gas Producer, LLC	120,960	-	-	2,066	101,416	19,544
Gwenyth T Reid	52	-	-	1	-	52
Haneline Power, LLC	4,870	-	-	61	-	4,870
Haw River Hydro Co	4,705	-	-	126	-	4,705
Hayden-Harman Foundation	27	-	-	-	-	27
Hendrik J Rodenburg	41	-	-	1	-	41
Henry Jay Becker	38	-	-	-	-	38
HMS Holdings Limited Partnership	181	-	-	3	-	181
Holzworth Holdings	25	-	-	-	-	25
Innovative Solar Solutions	46	-	-	-	-	46
Jafasa Farms	143	-	-	1	-	143
James B Sherman	45	-	-	1	-	45
James L Johnson	15	-	-	-	-	15
Jeffery Lynn Pardue	50	-	-	1	-	50
Jerome Levit	19	-	-	-	-	19
Jody Fine	20	-	-	-	-	20
Joel L. Hager	40	-	-	-	-	40
John B Robbins	113	-	-	1	-	113
John H. Dilberti	123	-	-	1	-	123
Linda Alexander	28	-	-	-	-	28
Mark A Powers	22	-	-	-	-	22
Matthew T. Ewers	23	-	-	-	-	23
Mayo Hydro	18,737	-	-	422	-	18,737
Megawatt Solar Inc	15	-	-	-	-	15
Mill Shoals Hydro	5,152	-	-	124	-	5,152
Northbrook Carolina Hydro	61,921	-	-	812	-	61,921
Optima Engineering	103	-	-	1	-	103
Pacifica HOA	51	-	-	1	-	51
Paul G. Keller	43	-	-	-	-	43
Pelzer Hydro Co.	26,372	-	-	416	-	26,372
Phillip B. Caldwell	42	-	-	-	-	42
Pickins Mill Hydro LLC	4,936	-	-	68	-	4,936
Pippin Home Designs, Inc	20	-	-	-	-	20
PRS-PK Engines, LLC	174	-	-	3	-	174
R Lawrence Ashe Jr	51	-	-	1	-	51
Rajah Y Chacko	16	-	-	-	-	16
Ramona L Sherwood	46	-	-	1	-	46
Ron B Rozzelle	57	-	-	1	-	57
Rousch & Yates Racing Engines, LLC	482	-	-	8	-	482
Salem Energy Systems	104,403	-	-	2,167	-	104,403
Shawn Slome	17	-	-	-	-	17
South Yadkin Power	2,579	-	-	40	-	2,579
Spray Cotton Mills	12,769	-	-	310	-	12,769
Steven Graf	58	-	-	1	-	58
Strates Inc	75	-	-	1	-	75
Sun Capital, Inc	283	-	-	3	-	283
T.S. Designs, Inc.	110	-	-	1	-	110
The Rocket Shop, LLC	28	-	-	-	-	28
Thomas Knox Worde	28	-	-	-	-	28
Thomas W Bates	76	-	-	1	-	76
Town of Chapel Hill	44	-	-	1	-	44
Town of Lake Lure	11,810	-	-	288	-	11,810
W. Jefferson Holt	123	-	-	1	-	123
William Terry Baker	52	-	-	1	-	52
Yves Naar	45	-	-	1	-	45
Energy Imbalance	(78,082)	-	-	-	(49,042)	(29,040)
	$ 4,726,195	-	$ 1,205,842	67,634	$ 1,835,070	$ 1,685,283
TOTAL PURCHASED POWER	$ 17,394,154	621	$ 4,607,217	318,839	$ 7,407,348	$ 5,379,589
INTERCHANGES IN						
Other Catawba Joint Owners	6,678,041	-	-	695,646	3,131,204	3,546,837
Total Interchanges In	6,678,041	-	-	695,646	3,131,204	3,546,837
INTERCHANGES OUT						
Other Catawba Joint Owners	(6,252,118)	(866)	(134,209)	(645,573)	(2,905,077)	(3,212,832)
Catawba- Net Negative Generation	-	-	-	-	-	-
Total Interchanges Out	(6,252,118)	(866)	(134,209)	(645,573)	(2,905,077)	(3,212,832)
Net Purchases and Interchange Power before PCL	17,820,077	(245)	4,473,008	368,912	7,633,475	5,713,594
Purchased Capacity Levelization	(2,552,505)	-	(2,552,505)	-	-	-
Net Purchases and Interchange Power after PCL	15,267,572	(245)	1,920,503	368,912	7,633,475	5,713,594

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SOUTH CAROLINA FUEL FILING
AUGUST 2009

SALES	TOTAL CHARGES	CAPACITY MW	CAPACITY $	ENERGY MWH	ENERGY FUEL $	ENERGY NON-FUEL $
Utilities:						
SC Public Service Authority - Emergency	$ 53,060	-	$ -	948	$ 44,884	$ 8,176
SC Electric & Gas - Emergency	23	-	-	-	(1,975)	1,998
Market Based:						
Cargill-Alliant, LLC	14,764	-	-	272	12,448	2,316
Cobb Electric Membership Corp	490,121	-	-	21,270	8,006	482,115
Detroit Edison	(108,000)	-	-	(100)	-	(108,000)
DTE Energy Trading	(288,000)	-	-	(300)	-	(288,000)
Entergy Services	(281,250)	-	-	(250)	-	(281,250)
MISO	9,551	-	-	163	14,589	(5,038)
NCEMC (Generator/instantaneous)	921,879	50	337,500	10,487	487,389	96,990
NCMPA #1	(373,134)	50	211,000	(39,908)	43,564	(627,698)
NCMPA #1 - Rockingham	532,522	50	157,500	9,750	436,685	(61,663)
Oglethorpe	5,250	-	-	125	5,028	222
PJM Interconnection LLC	403,872	-	-	7,491	350,686	53,186
Progress Energy Carolinas	40,820	-	-	785	36,460	4,360
The Energy Authority	2,400	-	-	60	2,415	(15)
VEPCO	43,400	-	-	699	31,021	12,379
Other:						
Generation Imbalance	100,825	-	-	1,945	79,583	21,242
BPM Transmission	(90,455)	-	-	-	-	(90,455)
	$ 1,477,648	150	$ 706,000	13,437	$ 1,550,783	$ (779,135)

* Sales for resale other than native load priority.

NOTE(S): Detail amounts may not add to totals shown due to rounding.

Exhibit A
Schedule 4

Duke Energy Carolinas
Over / (Under) Recovery of Fuel Costs
August 2009
SC Code Ann. §58-27-865 (Supp. 2008)

Line No.			Residential	Commercial	Industrial	Total
1	S.C. Retail kWh sales	Input	647,819,505	539,719,556	724,072,393	1,911,611,454
	Base fuel component of recovery					
2	Billed base fuel rate (¢/kWh)	Input	2.2317	2.2317	2.2317	2.2317
3	Billed base fuel expense	L1 * L2 /100	$14,457,388	$12,044,921	$16,159,124	$42,661,433
4	Incurred base fuel rate (¢/kWh)	Input	2.1470	2.1470	2.1470	2.1470
5	Incurred base fuel expense	L1 * L4 / 100	$13,908,685	$11,587,779	$15,545,834	$41,042,298
6	Difference in ¢/kWh (Billed - Incurred)	L2 - L4	0.0847	0.0847	0.0847	0.0847
7	Base fuel recovery	L1 * L6 / 100	**$548,703**	**$457,142**	**$613,289**	**$1,619,135**
	7a Prior period adjustment expense _/1	Input				
	Environmental component of recovery					
8	Billed rates by class (¢/kWh)	Input	0.0222	0.0184	0.0098	0.0164
9	Billed environmental expense	L8 * L1 / 100	$143,816	$99,308	$70,959	$314,083
10	Incurred rate by class (¢/kWh)	Input	(0.0392)	(0.0365)	(0.0258)	(0.0334)
11	Incurred environmental expense	L10 * L1 / 100	($254,165)	($197,210)	($186,553)	($637,928)
12	Difference in ¢/kWh (Billed - Incurred)	L8 - L10	0.0614	0.0549	0.0356	0.0498
13	Environmental recovery	L9 - L11	**$397,981**	**$296,518**	**$257,512**	**$952,011**
	13a Prior period adjustment expense _/1	Input				
	Economic purchase component of recovery					
14	S.C. kWh sales % by class	L1 / L1T	33.89%	28.23%	37.88%	100.00%
15	Economic purchase accrual	L15T * L14	**($353,997)**	**($294,926)**	**($395,665)**	**($1,044,588)**
	15a Prior period adjustment expense _/1	Input				
	Total over/(under) recovery					
16	Current month	L7 + L13 + L15	**$592,687**	**$458,734**	**$475,137**	**$1,526,558**
	16a Current month w/adjustments	L16+(7a+13a+15a)	**$592,687**	**$458,734**	**$475,137**	**$1,526,558**

	17 Cumulative over / (under) recovery	Cumulative	Residential	Commercial	Industrial	Total Company
	Balance ending May 2009 _/2	47,830,080				
_/1	June	49,159,528	405,415	390,522	533,511	1,329,448
	July	54,300,018	1,872,165	1,548,042	1,720,283	5,140,490
	August	55,826,576	592,687	458,734	475,137	1,526,558
	September					
	October					
	November					
	December					
	January					
	February					
	March					
	April					
	May					

_/1 Prior period adjustments recalculated using appropriate period sales; therefore, detail calculations not shown.

_/2 May 2009 ending balance shown is net of GRT and further reflects the economic purchase adjustment for review period ended 5/31/2009 (pending commission's approval in Sept 2009).

DUKE ENERGY CAROLINAS
FUEL COST REPORT
August 2009

Line No.	Description	(1) (B)	(2) (B)	(3) (B)	(4)	(5) (B)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
	Station	Belews Creek	Marshall	Allen	Riverbend	Cliffside	Dan River	Buck	Lee	Buzzard Roost	Lincoln	Mill Creek	Rockingham	Oconee	McGuire	Catawba	Total Current Month
	Cost of Fuel Purchased($)																
1	Coal (H)	64,553,206	39,859,148	19,351,294	1,784,634	12,173,449	1,149,855	2,538,643	1,919,225								143,329,454
2	Oil	254,226	272,661	61,061	210,768	45,299	-	119,106	-	-	-	-	-				963,121
3	Gas				600		5,051	372	9,603	-	51,982	132,716	1,114,153				1,314,477
4	Total	64,807,432	40,131,809	19,412,355	1,996,002	12,218,748	1,154,906	2,658,121	1,928,828	-	51,982	132,716	1,114,153				145,607,052
	Average Cost of Fuel as Purchased (CENTS/MBTU)																
5	Coal	416.95	323.96	389.28	340.06	354.76	246.10	358.53	336.23								372.69
6	Oil	1,439.24	1,435.65	1,443.27	1,427.53	1,478.51	-	1,439.19	-	-	-	-	-				1,437.69
7	Gas				INF.		864.90	INF.	747.32	-	1,726.40	465.13	350.13				373.83
8	Weighted Average	418.12	325.67	390.18	369.93	355.76	246.87	371.07	337.15	-	1,726.40	465.13	350.13				374.52
	Cost of Fuel Burned($)																
9	Coal (A) (D) (G)	53,382,287	37,331,306	19,358,972	3,794,404	12,189,243	995,746	3,393,572	3,153,068								133,598,598
10	Oil	149,841	156,800	43,160	169,458	39,894	74,973	150,089	120,733	-	-	-	-				904,948
11	Gas				600		5,051	372	9,603	-	51,982	132,716	1,114,153				1,314,477
12	Nuclear (E) (F)													9,149,999	7,435,966	7,685,575	24,271,540
13	Total	53,532,128	37,488,106	19,402,132	3,964,462	12,229,137	1,075,770	3,544,033	3,283,404	-	51,982	132,716	1,114,153	9,149,999	7,435,966	7,685,575	160,089,563
14	Less: Catawba joint owner's share															6,206,410	6,206,410
15	Adjusted total															1,479,165	153,883,153
	Average Cost of Fuel Burned (CENTS/MBTU)																
16	Coal	391.59	320.10	375.57	356.31	354.76	346.64	374.98	333.77								360.23
17	Oil	1,354.43	1,330.17	1,278.44	1,459.84	1,349.14	1,777.88	1,618.91	1,512.00	-	-	-	-				1,453.38
18	Gas				INF.		864.90	INF.	747.32	-	1,726.40	465.13	350.13				373.83
19	Nuclear													46.82	43.38	44.46	44.97
20	Weighted Average	392.37	321.12	376.16	368.26	355.62	368.34	387.64	344.19	-	1,726.40	465.13	350.13	46.82	43.38	44.46	175.02
	Average Cost of Fuel Burned (C) (CENTS/KWH Generated)																
21	Coal	3.71	3.04	3.88	3.83	3.52	3.95	4.21	3.89								3.52
22	Oil	INF.	INF.	INF.	(D)	INF.	INF.	(D)	INF.	(D)							(D)
23	Gas				INF.		(D)	INF.	INF.		(D)	7.10	3.92				4.39
24	Nuclear													0.48	0.45	0.45	0.46
25	Weighted Average	3.72	3.05	3.89	4.01	3.53	4.26	4.40	4.05	(D)	(D)	7.10	3.92	0.48	0.45	0.45	1.76
	MBTU's Burned																
26	Coal	13,632,086	11,662,399	5,154,607	1,064,922	3,435,869	287,259	904,992	944,678								37,086,812
27	Oil	11,063	11,788	3,376	11,608	2,957	4,217	9,271	7,985	-	-	-	-				62,265
28	Gas				-		584	-	1,285	-	3,011	28,533	318,215				351,628
29	Nuclear													19,542,912	17,141,027	17,285,653	53,969,592
30	Total	13,643,149	11,674,187	5,157,983	1,076,530	3,438,826	292,060	914,263	953,948	-	3,011	28,533	318,215	19,542,912	17,141,027	17,285,653	91,470,297
31	Less: Catawba joint owner's share															13,958,856	13,958,856
32	Adjusted total															3,326,797	77,511,441
	Net Generation (MWH)																
33	Coal (I)	1,438,948	1,228,179	498,336	99,021	346,261	25,235	80,673	81,028								3,797,681
34	Oil	-	-	-	(87)	-	-	(38)	-	(104)	-	-	-				(229)
35	Gas				-		(10)	-	3	-	(349)	1,870	28,442				29,956
36	Nuclear													1,899,160	1,643,436	1,705,063	5,247,659
37	Total	1,438,948	1,228,179	498,336	98,934	346,261	25,225	80,635	81,031	(104)	(349)	1,870	28,442	1,899,160	1,643,436	1,705,063	9,075,067
38	Less: Catawba joint owner's share															1,376,907	1,376,907
39	Adjusted total															328,156	7,698,160

NOTE(S): Detail amounts may not add to totals shown due to rounding.

(A) Twelve months ended includes aerial survey adjustments made to coal inventory in Dec08, which are reflected in cost of coal consumed and tons of coal consumed.
(B) These stations are steam generation only; therefore, gas is not applicable.
(C) CENTS/KWH not computed when net generation is negative.
(D) Cost of fuel burned excludes $25,799 associated with emission allowance expense for the month.
(E) Cost of fuel burned excludes $216,123 associated with canister accrual for the month.
(F) Cost of fuel burned excludes $9,211 associated with canister design expense for the month.
(G) Fuel burned includes 2,160 tons and $61,593 associated with Biomass (wood product) test burn at Buck & Lee for the month.
(H) Fuel received includes 2,547 tons and $73,824 associated with Biomass (wood product) test fuel at Buck & Lee for the month.
(I) Net generation (MWH) includes 1,786 MWH associated with the co-burn of Biomass (wood product) at Buck & Lee for the month.

Exhibit A
Schedule 5

DUKE ENERGY CAROLINAS
FOSSIL FUEL CONSUMPTION AND INVENTORY REPORT
August 2009

Line No.	Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
1	Location	(B) Belews Creek	(B) Marshall	(B) Allen	Riverbend	(B) Cliffside	Dan River	Buck	(D) Lee	Buzzard Roost	Lincoln	Mill Creek	Rockingham	Month Total
	Coal Data (A):													
2	Tons received during period	621,460	494,045	202,137	21,801	136,565	19,887	30,467	24,118					1,550,480
3	Inventory adjustments	(4,533)	(2,517)	(1,987)	21	(928)	(110)	(68)	199					(9,923)
4	Tons burned during period	546,278	467,401	203,907	44,560	139,035	12,014	39,099	39,314					1,491,608
5	MBTU's burned per ton	24.95	24.95	25.28	23.90	24.71	23.91	23.15	24.03					24.86
	Tons coal on hand:													
6	Beginning balance	1,455,784	853,132	623,399	302,109	401,499	90,178	242,877	213,829					4,182,807
7	Ending balance	1,526,433	877,259	619,642	279,371	398,101	97,941	234,178	198,832					4,231,757
8	Cost of ending inventory ($ per ton)	98.02	80.10	95.25	85.15	87.87	82.97	88.96	81.18					90.45
	Oil Data:													
9	Gallons received during perioc	127,259	137,297	30,461	106,702	22,226	-	59,812	-	-	-	-	-	483,757
10	Miscellaneous usage, transfers and adjustments	(8,901)	(15,164)	(3,335)	(1,808)	-	(578)	(2,313)	(3,010)	-	-	-	-	(35,109)
11	Gallons burned during period	79,703	85,217	24,307	83,890	21,451	30,477	67,004	57,583	-	-	-	-	449,632
	Gallons oil on hand:													
12	Beginning balance	200,535	313,328	199,307	262,538	68,790	215,257	557,443	570,798	1,536,309	8,867,043	3,944,789	2,254,372	18,990,509
13	Ending balance	239,190	350,244	202,126	283,542	69,565	184,202	547,938	510,205	1,536,309	8,867,043	3,944,789	2,254,372	18,989,525
14	Cost of ending inventory ($ per gallon)	1.88	1.84	1.78	2.02	1.82	2.45	2.24	2.09	0.79	1.60	1.25	2.34	1.61
	Gas Data (C):													
15	MCF received during period				-		571	-	1,256	-	2,920	27,865	305,976	338,588
16	MCF burned during period				-		571	-	1,256	-	2,920	27,865	305,976	338,588
	MCF gas on hand:													
17	Beginning balance													
18	Ending balance													
19	Cost of ending inventory ($ per MCF)													

NOTE(S): Detail amounts may not add to totals shown due to rounding.

(A) Twelve months ended includes aerial survey adjustments made to coal inventory in Dec08, which are reflected in cost of coal consumed and tons of coal consumed.
(B) These stations are steam generation only; therefore, gas is not applicable.
(C) Gas is burned as received; therefore, inventory balances are not maintained.
(D) The inventory balance includes Biomass (wood product) fuel; but the average cost of inventory is stand-alone coal, to represent dispatch pricing. (Biomass/wood product is low volume.)

Exhibit A
Schedule 6

SCHEDULE 7

DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
August 2009

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	-	$ -	$ -
	CONTRACT	202,137	19,097,235.17	94.48
	ADJUSTMENTS	-	254,058.74	-
	TOTAL	202,137	19,351,293.91	95.73
BELEWS CREEK	SPOT	-	-	-
	CONTRACT	621,461	63,201,023.31	101.70
	ADJUSTMENTS	-	1,352,183.17	-
	TOTAL	621,461	64,553,206.48	103.87
BUCK	SPOT	-	-	-
	CONTRACT	28,639	2,366,410.86	82.63
	ADJUSTMENTS	-	115,528.18	-
	TOTAL	28,639	2,481,939.04	86.66
CLIFFSIDE	SPOT	-	-	-
	CONTRACT	136,565	11,990,524.88	87.80
	ADJUSTMENTS	-	182,925.74	-
	TOTAL	136,565	12,173,450.62	89.14
DAN RIVER	SPOT	-	-	-
	CONTRACT	19,887	1,149,854.78	57.82
	ADJUSTMENTS	-	-	-
	TOTAL	19,887	1,149,854.78	57.82
LEE	SPOT	-	-	-
	CONTRACT	23,399	1,878,224.11	80.27
	ADJUSTMENTS	-	23,879.02	-
	TOTAL	23,399	1,902,103.13	81.29
MARSHALL	SPOT	-	-	-
	CONTRACT	494,045	39,253,057.79	79.45
	ADJUSTMENTS	-	606,090.15	-
	TOTAL	494,045	39,859,147.94	80.68
RIVERBEND	SPOT	-	-	-
	CONTRACT	21,801	1,775,820.24	81.45
	ADJUSTMENTS	-	8,813.32	-
	TOTAL	21,801	1,784,633.56	81.86
ALL PLANTS	SPOT	-	-	-
	CONTRACT	1,547,933	140,712,151.14	90.90
	ADJUSTMENTS	-	2,543,478.32	-
	TOTAL	1,547,933	$ 143,255,629.46	$ 92.55

SCHEDULE 8

Duke Energy Carolinas
Analysis of Quality of Coal Received
August 2009

Station	Percent Moisture	Percent Ash	Heat Value	Percent Sulfur
Allen	6.65	11.53	12,296.00	1.26
Belews Creek	6.48	10.59	12,456.00	0.94
Buck	7.01	12.06	12,086.00	0.72
Cliffside	6.33	9.99	12,564.00	1.03
Dan River	5.08	16.92	11,747.00	1.01
Lee	5.93	12.15	12,088.00	1.05
Marshall	6.72	10.66	12,452.00	1.50
Riverbend	6.78	12.07	12,036.00	1.07

Schedule 9

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
August 2009

Station	Allen	Belews Creek	Buck	Cliffside 1-4	Cliffside 5	Marshall	Riverbend
Vendor	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers
Spot / Contract	Contract	Contract	Contract	Contract	Contract	Contract	Contract
Sulfur Content %	0.03	0.03	0.03	0.01	0	0.04	0.03
Gallons Received	30,461	127,259	59,812	14,818	7,408	137,297	106,702
Total Delivered Cost	$ 61,061.25	$ 254,225.92	$ 119,106.05	$ 30,091.18	$ 15,207.44	$ 272,661.16	$ 210,767.97
Delivered Cost/Gal	$ 2.0046	$ 1.9977	$ 1.9913	$ 2.0307	$ 2.0528	$ 1.9859	$ 1.9753
Delivered Cost/MBTU	$ 14.4330	$ 14.3930	$ 14.3927	$ 14.7345	$ 14.8452	$ 14.3557	$ 14.2755
BTU/Gallon	138,888	138,797	138,358	137,821	138,283	138,337	138,370

Exhibit A
Schedule 9

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

September,2008 - August,2009

Plant Name	Generation MWH	Capacity Rating MW	Capacity Factor %	Net Equivalent Availability %
Oconee	20,876,942	2,538	93.90	91.90
McGuire	18,513,127	2,200	96.06	92.40
Catawba	19,057,927	2,258	96.35	93.92

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
September 2008 through August 2009
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	7,300,567	1,112	74.94	83.08
Belews Creek 2	7,896,114	1,112	81.05	91.37

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
September 2008 through August 2009
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	3,373,857	562	68.53	90.70
Marshall 1	2,041,073	380	61.32	88.08
Marshall 2	1,880,071	380	56.48	88.51
Marshall 3	3,746,544	658	65.00	70.93
Marshall 4	4,280,154	660	74.03	85.23

Duke Energy Carolinas
Power Plant Performance Data

Twelve Month Summary
September 2008through August 2009
Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	453,361	165	31.37	87.34
Allen 2	445,868	165	30.85	93.47
Allen 3	1,194,159	265	51.44	91.07
Allen 4	1,344,512	280	54.82	87.68
Allen 5	1,308,337	270	55.32	90.66
Buck 3	16,970	75	2.58	98.66
Buck 4	6,159	38	1.85	97.75
Buck 5	248,453	128	22.16	92.54
Buck 6	280,422	128	25.01	82.73
Cliffside 1	6,507	38	1.95	96.35
Cliffside 2	9,361	38	2.81	98.30
Cliffside 3	33,201	61	6.21	94.76
Cliffside 4	31,952	61	5.98	97.72
Dan River 1	26,897	67	4.58	94.43
Dan River 2	34,488	67	5.88	93.65
Dan River 3	205,691	142	16.54	91.26
Lee 1	87,806	100	10.02	89.41
Lee 2	123,096	100	14.05	95.34
Lee 3	329,500	170	22.13	86.52
Riverbend 4	86,268	94	10.48	93.70
Riverbend 5	91,289	94	11.09	93.09
Riverbend 6	240,097	133	20.61	89.15
Riverbend 7	268,600	133	23.05	91.51

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
September,2008 through August,2009
Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	-383	93	100.00
Buzzard Roost CT	-1,359	196	100.00
Dan River CT	-382	85	77.04
Lee CT	892	82	98.50
Lincoln CT	-3,137	1,264	97.25
Mill Creek CT	393	592	98.32
Riverbend CT	-1,046	120	76.36
Rockingham CT	74,407	825	94.58

Duke Energy Carolinas

Power Plant Performance

12 Months Ended AUGUST 09

Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants			
Bridgewater	44,273	23.000	95.71
Buzzard Roost	-	-	100.00
Cedar Creek	114,442	45.000	95.30
Cowans Ford	126,491	325.000	96.99
Dearborn	140,454	42.000	96.88
Fishing Creek	124,729	49.000	97.81
Gaston Shoals	15,431	4.600	66.07
Great Falls	1,477	24.000	41.42
Keowee	30,134	157.500	97.93
Lookout Shoals	75,647	27.000	95.40
Mountain Island	88,597	62.000	97.55
Ninety Nine Island	48,535	18.000	62.49
Oxford	85,930	40.000	98.48
Rhodhiss	51,965	30.500	98.45
Rocky Creek	3,365	28.000	23.76
Tuxedo	12,336	6.400	65.65
Wateree	182,902	85.000	93.22
Wylie	120,370	72.000	96.92
Nantahala	209,129	50.000	74.57
Queens Creek	2,826	1.440	96.57
Thorpe	60,521	19.700	97.95
Tuckasegee	5,420	2.500	97.74
Tennessee Creek	30,019	9.800	90.69
Bear Creek	21,290	9.450	95.85
Cedar Cliff	15,386	6.380	95.94
Mission	354	1.800	83.05
Franklin	(8)	1.040	66.71
Bryson	577	1.040	82.83
Dillsboro	-	0.230	50.00
Total Conventional	1,612,591		
Pumped Storage Plants			
Jocasee	957,491	730.000	97.48
Bad Creek	2,142,991	1,360.000	94.64
Total	3,100,482		
Less Energy for Pumping			
Jocasee	(1,223,964)		
Bad Creek	(2,707,155)		
Total	(3,931,119)		
Total Pumped Storage			
Jocassee	(266,473)		
Bad Creek	(564,164)		
Total	(830,637)		

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: August, 2009

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
Oconee	1	None					
	2	None					
	3	None					
McGuire	1	None					
	2	None					
Catawba	1	None					
	2	None					

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

August 2009

Belews Creek Steam Station

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
02	8/19/2009 10:55:00 PM To 8/21/2009 10:11:00 AM	Unsch	1080	ECONOMIZER LEAKS	econ. . tube leak	

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
August, 2009
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	744		744		744	
(C1) Net Gen (MWH) and Capacity Factor	626103	99.47	635219	100.92	637838	101.34
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00	267	0.04
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	3321	0.53	-5795	-0.92	-8681	-1.38
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	629424	100.00 %	629424	100.00 %	629424	100.00 %
(I) Equivalent Availability		99.96		100.00		99.96
(J) Output Factor		99.47		100.92		101.34
(K) Heat Rate		10,392		10,263		10,217

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
August, 2009
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	744		744	
(C1) Net Gen (MWH) and Capacity Factor	828801	101.27	814635	99.54
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	10961	1.34
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-10401	-1.27	-7196	-0.88
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	818400	100.00 %	818400	100.00 %
(I) Equivalent Availability		100.00		100.00
(J) Output Factor		101.27		99.54
(K) Heat Rate		10,440		10,420

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
August, 2009
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	744		744	
(C1) Net Gen (MWH) and Capacity Factor	849821	101.17	855242	101.82
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-9845	-1.17	-15266	-1.82
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	839976	100.00 %	839976	100.00 %
(I) Equivalent Availability		100.00		100.00
(J) Output Factor		101.17		101.82
(K) Heat Rate		10,167		10,109

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

August 2009

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	744	744
(C1) Net Generation (mWh)	767,231	671,717
(C1) Capacity Factor	92.90	81.34
(D1) Net mWh Not Generated due to Full Scheduled Outages	0	0
(D1) Scheduled Outages: percent of Period Hrs	0.00	0.00
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	546
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.07
(E1) Net mWh Not Generated due to Full Forced Outages	0	39,146
(E1) Forced Outages: percent of Period Hrs	0.00	4.74
(E2) Net mWh Not Generated due to Partial Forced Outages	4	5,197
(E2) Forced Derates: percent of Period Hrs	0.00	0.63
(F) Net mWh Not Generated due to Economic Dispatch	58,605	109,233
(F) Economic Dispatch: percent of Period Hrs	7.10	13.23
(G) Net mWh Possible in Period	825,840	825,840
(H) Equivalent Availability	100.00	94.56
(I) Output Factor (%)	92.90	85.38
(J) Heat Rate (BTU/NkWh)	9,319	9,667

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

August 2009
Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	744	744	744	744
(C1) Net Generation (mWh)	168,598	165,546	449,120	444,915
(D) Net mWh Possible in Period	282,720	282,720	489,552	491,040
(E) Equivalent Availability	81.15	81.45	99.77	100.00
(F) Output Factor (%)	77.35	73.69	91.74	90.61
(G) Capacity Factor	59.63	58.55	91.74	90.61

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

August 2009
Cliffside Steam Station

	Cliffside 5
(A) MDC (mWh)	562
(B) Period Hrs	744
(C1) Net Generation (mWh)	343,541
(D) Net mWh Possible in Period	418,128
(E) Equivalent Availability	99.88
(F) Output Factor (%)	82.16
(G) Capacity Factor	82.16

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
September,2008 - August,2009
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8760		8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	7514491	101.40	6458224	87.14	6904227	93.16
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	873115	11.78	541863	7.31
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	660	0.01	20309	0.27	-2813	-0.04
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	194808	2.63	122204	1.65
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-104191	-1.41	-135496	-1.82	-154521	-2.08
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7410960	100.00 %	7410960	100.00 %	7410960	100.00 %
(I) Equivalent Availability		99.98		84.94		90.79
(J) Output Factor		101.40		101.82		102.33
(K) Heat Rate		10,196		10,133		10,112

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
September,2008 - August,2009
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8474061	87.94	10039066	104.18
(D1) Net MWH Not Gen Due To Full Scheduled Outages	897600	9.32	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	36599	0.38	11647	0.12
(E1) Net MWH Not Gen Due To Full Forced Outages	521070	5.41	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-293330	-3.05	-414713	-4.30
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9636000	100.00 %	9636000	100.00 %
(I) Equivalent Availability		84.81		99.99
(J) Output Factor		103.12		104.18
(K) Heat Rate		10,195		10,130

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
September,2008 - August,2009
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	10137260	102.50	8920667	90.20
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	1113149	11.26
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	933	0.01	42972	0.43
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	45702	0.46
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-248153	-2.51	-232450	-2.35
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9890040	100.00 %	9890040	100.00 %
(I) Equivalent Availability		99.93		87.92
(J) Output Factor		102.50		102.17
(K) Heat Rate		10,032		10,017

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

September 2008 through August 2009

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,112	1,112
(B) Period Hrs	8,760	8,760
(C1) Net Generation (mWh)	7,300,567	7,896,114
(C1) Capacity Factor	74.94	81.05
(D1) Net mWh Not Generated due to Full Scheduled Outages	1,475,920	272,775
(D1) Scheduled Outages: percent of Period Hrs	15.15	2.80
(D2) Net mWh Not Generated due to Partial Scheduled Outages	58,939	6,351
(D2) Scheduled Derates: percent of Period Hrs	0.41	0.07
(E1) Net mWh Not Generated due to Full Forced Outages	87,483	546,757
(E1) Forced Outages: percent of Period Hrs	0.90	5.61
(E2) Net mWh Not Generated due to Partial Forced Outages	17,336	14,460
(E2) Forced Derates: percent of Period Hrs	0.18	0.15
(F) Net mWh Not Generated due to Economic Dispatch	801,604	1,005,392
(F) Economic Dispatch: percent of Period Hrs	8.23	10.32
(G) Net mWh Possible in Period	9,741,600	9,741,600
(H) Equivalent Availability	83.08	91.37
(I) Output Factor (%)	91.39	89.79
(J) Heat Rate (BTU/NkWh)	9,268	9,253

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

September 2008 through August 2009

Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	659	660
(B) Period Hrs	8,760	8,760	8,760	8,760
(C1) Net Generation (mWh)	2,041,073	1,880,071	3,746,544	4,280,154
(D) Net mWh Possible in Period	3,332,520	3,332,520	5,773,008	5,789,040
(E) Equivalent Availability	88.08	88.51	70.93	85.23
(F) Output Factor (%)	79.00	76.83	89.83	86.60
(G) Capacity Factor	61.32	56.48	65.00	74.03

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

September 2008 through August 2009

Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	562
(B)	Period Hrs	8,760
(C1)	Net Generation (mWh)	3,373,857
(D)	Net mWh Possible in Period	4,923,120
(E)	Equivalent Availability	90.70
(F)	Output Factor (%)	81.82
(G)	Capacity Factor	68.53

DUKE ENERGY CAROLINAS

Outages for 100MW or Larger Units

August,2009

	Unit	MW	Full Outage Hours		
			Scheduled	Unscheduled	Total
Oconee	1	846	0.00	0.00	0.00
	2	846	0.00	0.00	0.00
	3	846	0.00	0.00	0.00
McGuire	1	1100	0.00	0.00	0.00
	2	1100	0.00	0.00	0.00
Catawba	1	1129	0.00	0.00	0.00
	2	1129	0.00	0.00	0.00

Duke Energy Carolinas

Outages for 100 mW or Larger Units

August 2009

Unit Name	Capacity Rating (mW)	Full Outage Hours Scheduled	Full Outage Hours Unscheduled	Total Outage Hours
Allen 1	165	0.00	0.00	0.00
Allen 2	165	0.00	20.22	20.22
Allen 3	265	105.00	0.00	105.00
Allen 4	280	35.98	0.00	35.98
Allen 5	270	12.00	0.00	12.00
Belews Creek 1	1,110	0.00	0.00	0.00
Belews Creek 2	1,110	0.00	35.27	35.27
Buck 5	128	34.00	0.00	34.00
Buck 6	128	0.00	65.28	65.28
Cliffside 5	562	0.00	0.00	0.00
Dan River 3	142	0.00	1.48	1.48
Lee 1	100	0.00	0.00	0.00
Lee 2	100	0.00	0.00	0.00
Lee 3	170	0.00	60.73	60.73
Marshall 1	380	30.00	110.18	140.18
Marshall 2	380	8.50	127.40	135.90
Marshall 3	658	0.00	0.00	0.00
Marshall 4	660	0.00	0.00	0.00
Riverbend 6	133	10.00	0.00	10.00
Riverbend 7	133	21.00	0.00	21.00
Rockingham CT1	165	7.13	3.18	10.32
Rockingham CT2	165	4.00	0.00	4.00
Rockingham CT3	165	3.67	0.00	3.67
Rockingham CT4	165	5.12	0.00	5.12
Rockingham CT5	165	0.00	0.00	0.00

The appropriate schedules have been revised to reflect changes to events at Allen. Also, there is an update to the format of Schedule 4, June 2009 forward.

List of Revisions:

(included with August 2009 Monthly Fuel Filing)

Jun09

Revised, Exhibit A, Schedule 4	(SC)
Revised, Exhibit A, Schedule 10, Page 4 of 6	(SC)
Revised, Exhibit B, Page 16 of 16	(SC)

Jul09

Revised, Exhibit A, Schedule 4	(SC)
Revised, Exhibit A, Schedule 10, Page 4 of 6	(SC)

Exhibit A
Schedule 4
Revised

Duke Energy Carolinas
Over / (Under) Recovery of Fuel Costs
June 2009
SC Code Ann. §58-27-865 (Supp. 2008)

Line No.			Residential	Commercial	Industrial	Total
1	S.C. Retail kWh sales	Input	509,408,727	496,350,758	724,185,671	1,729,945,156
	Base fuel component of recovery					
2	Billed base fuel rate (¢/kWh)	Input	2.2317	2.2317	2.2317	2.2317
3	Billed base fuel expense	L1 * L2 /100	$11,368,475	$11,077,060	$16,161,652	$38,607,187
4	Incurred base fuel rate (¢/kWh)	Input	2.1096	2.1096	2.1096	2.1096
5	Incurred base fuel expense	L1 * L4 / 100	$10,746,487	$10,471,016	$15,277,421	$36,494,924
6	Difference in ¢/kWh (Billed - Incurred)	L2 - L4	0.1221	0.1221	0.1221	0.1221
7	Base fuel recovery	L1 * L6 / 100	**$621,988**	**$606,044**	**$884,231**	**$2,112,263**
	7a Prior period adjustment expense _/1	Input	($63,508)	($56,139)	($73,184)	($192,831)
	Environmental component of recovery					
8	Billed rates by class (¢/kWh)	Input	0.0222	0.0184	0.0098	0.0159
9	Billed environmental expense	L8 * L1 / 100	$113,089	$91,329	$70,970	$275,388
10	Incurred rate by class (¢/kWh)	Input	0.0085	0.0068	0.0044	0.0063
11	Incurred environmental expense	L10 * L1 / 100	$43,429	$33,697	$31,876	$109,002
12	Difference in ¢/kWh (Billed - Incurred)	L8 - L10	0.0137	0.0116	0.0054	0.0096
13	Environmental recovery	L9 - L11	**$69,660**	**$57,632**	**$39,094**	**$166,386**
	13a Prior period adjustment expense _/1	Input				
	Economic purchase component of recovery					
14	S.C. kWh sales % by class	L1 / L1T	29.45%	28.69%	41.86%	100.00%
15	Economic purchase accrual	L15T * L14	**($222,725)**	**($217,015)**	**($316,630)**	**($756,370)**
	15a Prior period adjustment expense _/1	Input				
	Total over/(under) recovery					
16	Current month	L7 + L13 + L15	**$468,923**	**$446,661**	**$606,695**	**$1,522,279**
	16a Current month w/adjustments	L16+(7a+13a+15a)	**$405,415**	**$390,522**	**$533,511**	**$1,329,448**

		Cumulative	Residential	Commercial	Industrial	Total Company
17	Cumulative over / (under) recovery					
	Balance ending May 2009 _/2	48,040,532				
_/1	June	49,369,980	405,415	390,522	533,511	1,329,448
	July					
	August					
	September					
	October					
	November					
	December					
	January					
	February					
	March					
	April					
	May					

_/1 Prior period adjustments recalculated using appropriate period sales; therefore, detail calculations not shown.

_/2 Balance ending May 2009 does not reflect economic purchase adjustment for prior review period. Adjustment will be completed once commission's approval is issued.

Exhibit A

Duke Energy Carolinas
Power Plant Performance Data

Twelve Month Summary
July 2008through June 2009
Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	522,395	165	36.14	85.36
Allen 2	549,829	165	38.04	92.22
Allen 3	1,282,807	265	55.26	92.38
Allen 4	1,341,233	280	54.68	87.03
Allen 5	1,381,949	270	58.43	90.89
Buck 3	34,863	75	5.31	95.95
Buck 4	18,752	38	5.63	95.52
Buck 5	330,461	128	29.47	91.20
Buck 6	355,724	128	31.72	83.69
Cliffside 1	14,235	38	4.28	86.07
Cliffside 2	9,069	38	2.72	84.49
Cliffside 3	50,358	61	9.42	86.52
Cliffside 4	55,806	61	10.44	91.55
Dan River 1	58,428	67	9.96	93.50
Dan River 2	65,464	67	11.15	92.44
Dan River 3	314,387	142	25.27	90.56
Lee 1	145,759	100	16.64	88.26
Lee 2	187,638	100	21.42	95.34
Lee 3	249,532	170	16.76	71.17
Riverbend 4	156,246	94	18.97	93.87
Riverbend 5	145,417	94	17.66	92.68
Riverbend 6	296,291	133	25.43	87.93
Riverbend 7	303,659	133	26.06	89.81

Duke Energy Carolinas

Outages for 100 mW or Larger Units

June 2009

Unit Name	Capacity Rating (mW)	Full Outage Hours Scheduled	Full Outage Hours Unscheduled	Total Outage Hours
Allen 1	165	24.62	0.00	24.62
Allen 2	165	0.00	0.00	0.00
Allen 3	265	0.00	0.00	0.00
Allen 4	280	0.00	68.38	68.38
Allen 5	270	0.00	0.00	0.00
Belews Creek 1	1,110	28.05	42.07	70.12
Belews Creek 2	1,110	0.00	46.42	46.42
Buck 5	128	0.00	0.00	0.00
Buck 6	128	8.25	19.02	27.27
Cliffside 5	562	0.00	26.12	26.12
Dan River 3	142	0.00	0.00	0.00
Lee 1	100	0.00	0.00	0.00
Lee 2	100	0.00	0.00	0.00
Lee 3	170	31.07	0.00	31.07
Marshall 1	380	0.00	0.45	0.45
Marshall 2	380	0.00	0.00	0.00
Marshall 3	658	0.00	91.02	91.02
Marshall 4	660	0.00	0.00	0.00
Riverbend 6	133	0.00	0.00	0.00
Riverbend 7	133	0.00	0.73	0.73
Rockingham CT1	165	0.00	0.00	0.00
Rockingham CT2	165	0.00	0.00	0.00
Rockingham CT3	165	0.00	0.00	0.00
Rockingham CT4	165	0.00	0.00	0.00
Rockingham CT5	165	0.00	0.00	0.00

Exhibit A
Schedule 4
Revised

Duke Energy Carolinas
Over / (Under) Recovery of Fuel Costs
July 2009
SC Code Ann. §58-27-865 (Supp. 2008)

Line No.			Residential	Commercial	Industrial	Total
1	S.C. Retail kWh sales	Input	674,223,539	563,574,024	642,245,748	1,880,043,311
	Base fuel component of recovery					
2	Billed base fuel rate (¢/kWh)	Input	2.2317	2.2317	2.2317	2.2317
3	Billed base fuel expense	L1 * L2 /100	$15,046,647	$12,577,281	$14,332,998	$41,956,926
4	Incurred base fuel rate (¢/kWh)	Input	1.9247	1.9247	1.9247	1.9247
5	Incurred base fuel expense	L1 * L4 / 100	$12,976,780	$10,847,109	$12,361,304	$36,185,193
6	Difference in ¢/kWh (Billed - Incurred)	L2 - L4	0.3070	0.3070	0.3070	0.3070
7	Base fuel recovery	L1 * L6 / 100	**$2,069,866**	**$1,730,172**	**$1,971,694**	**$5,771,733**
	7a Prior period adjustment expense _/1	Input				
	Environmental component of recovery					
8	Billed rates by class (¢/kWh)	Input	0.0222	0.0184	0.0098	0.0168
9	Billed environmental expense	L8 * L1 / 100	$149,678	$103,698	$62,940	$316,316
10	Incurred rate by class (¢/kWh)	Input	0.0112	0.0104	0.0087	0.0101
11	Incurred environmental expense	L10 * L1 / 100	$75,723	$58,755	$55,580	$190,058
12	Difference in ¢/kWh (Billed - Incurred)	L8 - L10	0.0110	0.0080	0.0011	0.0067
13	Environmental recovery	L9 - L11	**$73,955**	**$44,943**	**$7,360**	**$126,258**
	13a Prior period adjustment expense _/1	Input				
	Economic purchase component of recovery					
14	S.C. kWh sales % by class	L1 / L1T	35.86%	29.98%	34.16%	100.00%
15	Economic purchase accrual	L15T * L14	**($271,656)**	**($227,073)**	**($258,772)**	**($757,501)**
	15a Prior period adjustment expense _/1	Input				
	Total over/(under) recovery					
16	Current month	L7 + L13 + L15	**$1,872,165**	**$1,548,042**	**$1,720,283**	**$5,140,490**
	16a Current month w/adjustments	L16+(7a+13a+15a)	**$1,872,165**	**$1,548,042**	**$1,720,283**	**$5,140,490**

17 Cumulative over / (under) recovery	Cumulative	Residential	Commercial	Industrial	Total Company
Balance ending May 2009 _/2	47,830,080				
June	49,159,528	405,415	390,522	533,511	1,329,448
July	54,300,018	1,872,165	1,548,042	1,720,283	5,140,490
August					
September					
October					
November					
December					
January					
February					
March					
April					
May					

_/1 Prior period adjustments recalculated using appropriate period sales; therefore, detail calculations not shown.

_/2 Balance ending May 2009 does not reflect economic purchase adjustment for prior review period. Adjustment will be completed once commission's approval is issued.

Exhibit A

Duke Energy Carolinas
Power Plant Performance Data

Twelve Month Summary
August 2008through July 2009
Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	454,264	165	31.43	84.85
Allen 2	472,616	165	32.70	93.26
Allen 3	1,240,824	265	53.45	92.27
Allen 4	1,332,267	280	54.32	87.25
Allen 5	1,317,409	270	55.70	90.80
Buck 3	20,286	75	3.09	98.63
Buck 4	8,299	38	2.49	97.75
Buck 5	276,665	128	24.67	92.18
Buck 6	296,748	128	26.47	83.18
Cliffside 1	6,501	38	1.95	90.30
Cliffside 2	8,959	38	2.69	92.99
Cliffside 3	37,883	61	7.09	90.28
Cliffside 4	34,021	61	6.37	92.32
Dan River 1	32,973	67	5.62	93.69
Dan River 2	40,792	67	6.95	92.96
Dan River 3	250,210	142	20.11	90.29
Lee 1	107,436	100	12.26	88.49
Lee 2	139,478	100	15.92	95.34
Lee 3	276,350	170	18.56	78.72
Riverbend 4	106,738	94	12.96	93.70
Riverbend 5	108,766	94	13.21	92.99
Riverbend 6	260,607	133	22.37	88.18
Riverbend 7	284,392	133	24.41	90.39